

**Technical Description**

Brass coupling system produced for raw applications. The system is suitable for use with non-aggressive liquid media. The couplings are corrosion resistant.

Coupling system with single-hand operation. The ergonomic sleeve design prevents dirt on the valve body.

Working Temperature*

-20°C up to +100°C (NBR)
depending on the medium.

* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.

**Working Pressure****

35 bar

** maximum static working pressure with design factor 4 to 1.

Material

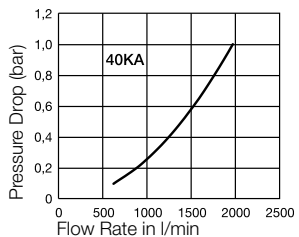
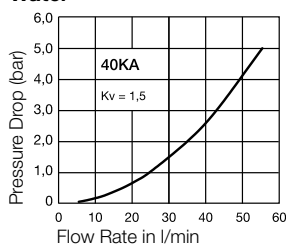
Coupling: Brass

Plug: Steel nickel plated

Seals: NBR

Interchangeability

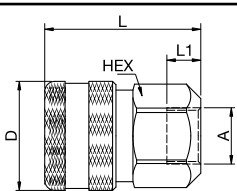
- ARO 310
- Orion 44520
- Orion 44530

Flow diagrams**Air****Water**



Couplings – with valve

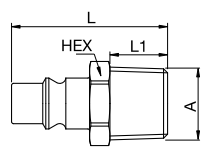
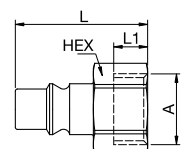
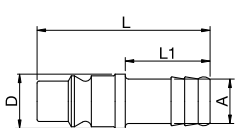
Series 40KA

| | Connection A | HEX mm | HEX1 mm | L mm | L1 mm | L2 mm | D mm | B mm | G mm | Version | Part Number |
|--|-----------------|-----------|------------|---------|----------|----------|---------|---------|---------|---------------|-------------|
|  Female Thread | G 3/8 | 27 | | 46 | 10 | | 32 | | | blank | 40KAIW17MPX |
| | G 3/8 | 27 | | 46 | 10 | | 32 | | | nickel plated | 40KAIW17MPN |
| | G 1/2 | 27 | | 46 | 11 | | 32 | | | blank | 40KAIW21MPX |
| | G 1/2 | 27 | | 46 | 11 | | 32 | | | nickel plated | 40KAIW21MPN |
| | | | | | | | | | | | |



Plugs – without valve

Series 40KA

| | Connection A | HEX mm | HEX1 mm | L mm | L1 mm | L2 mm | D mm | B mm | G mm | Version | Part Number |
|---|-----------------|-----------|------------|---------|----------|----------|---------|---------|---------|---------|-------------|
|  Male Thread | R 3/8 | 16 | | 40 | 12 | | | | | | 40SFAK17SXN |
| | R 1/2 | 16 | | 46 | 17 | | | | | | 40SFAK21SXN |
| | R 3/4 | 16 | | 51 | 19 | | | | | | 40SFAK26SXN |
| | | | | | | | | | | | |
|  Female Thread | G 3/8 | 19 | | 35 | 9 | | | | | | 40SFIW17SXN |
| | G 1/2 | 24 | | 39 | 12 | | | | | | 40SFIW21SXN |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
|  Hose Barb | 6 mm | | | 51 | 25 | | 16 | | | | 40SFTF06SXN |
| | 8 mm | | | 51 | 25 | | 16 | | | | 40SFTF08SXN |
| | 10 mm | | | 51 | 25 | | 16 | | | | 40SFTF10SXN |
| | 13 mm | | | 51 | 25 | | 16 | | | | 40SFTF13SXN |
| | 19 mm | | | 51 | 25 | | 21 | | | | 40SFTF19SXN |